

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

May 8, 2006

Rich McClure
Bureau of Land Management
Moab Field Office
82 East Dogwood
Moab, Utah 84532

RE: Application for Permit to Drill—Elk Production Company, LLC Federal #14-11, 1,810' FSL, 533' FWL, NW/4 SW/4, Section 14, T20S, R21E, SLB&M, Grand County, Utah

#### Dear Rich:

On behalf of Elk Production, LLC (Elk), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Drilling Plan;

Exhibit "D" - Surface Use Plan;

Exhibit "E" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Elk Production's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Kevin Weller, P.E. of Elk at 303-339-1922 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Agent for Elk Production, LLC

cc: Diana Whitney, Division of Oil, Gas and Mining Kevin Weller, P.E., Elk Production, LLC Karin Kuhn, Elk Production, LLC RECEIVED

MAY 1 2 2006

DIV. OF OIL. GAS & MINING

FILE COPY

CONFIDENTIAL

Form 3160 -3 (February 2005)				OMB No	APPROVED 0. 1004-0137 farch 31, 2007	
UNITED STATE				5. Lease Serial No.		—
DEPARTMENT OF THE BUREAU OF LAND MA				UTU-02139-A		
APPLICATION FOR PERMIT TO				6. If Indian, Allotee N/A	or Tribe Name	
la. Type of work: DRILL REEN	TER		***	7 If Unit or CA Agre undesignated	ement, Name and No	).
lb. Type of Well: Oil Well Gas Well Other		Single Zone Multip	le Zone	8. Lease Name and V Federal #14-11		
2 Name of Operator Elk Production, LLC					19-314	77
3a. Address 1401 - 17th Street, Suite 700 Denver, Colorado 80202	- 1	none No. (inchude area code) 803-339-1922	Great			
4. Location of Well (Report location clearly and in accordance with At surface 1,810° FSL, 533° FWL, NW/4 SW At proposed prod. zone 1,810° FSL, 533° FWL, NW/4 SW	114. 62	13603X - 100.5-		11. Sec., T. R. M. or B  Section 14, T2	ilk and Survey or Are	
14. Distance in miles and direction from nearest town or post office* 15.05 miles northwest of Cisco, Utah				12. County or Parish Grand	13. State	UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 533'		No. of acres in lease	40 ac		well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, fl.  800'		Proposed Depth 900'	20. BLM/I	BIA Bond No. on file 971		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. /	Approximate date work will star	rt*	23. Estimated duration	on	
5,229' GR		06/15/2006		9 days		
	24.	Attachments				
The following, completed in accordance with the requirements of Ons	hore Oil a	and Gas Order No.1, must be at	tached to th	is form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syste SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	m Lands	Item 20 above). the 5. Operator certific	cation	ns unless covered by an		
25. Signature		Name (Printed/Typed)  Don Hamilton			Date 05/08/2006	

Name (Printed/Typed)

BRADLEY G. HILL ENTRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

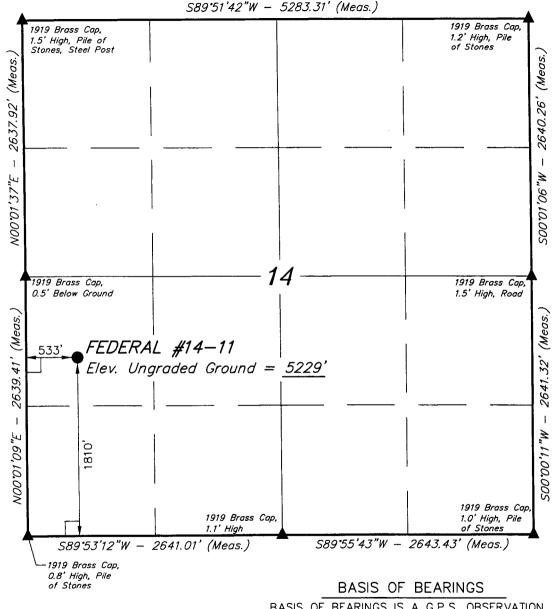
TORVE CONFIDENTIAL

Federal Approval of this Action is Necessary

MAY 1 2 2006

DIV. OF OIL, GAS & APPUNG

## T20S, R21E, S.L.B.&M.



BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

#### LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

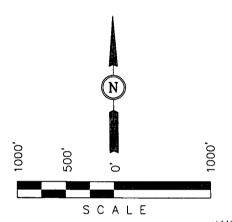
LATITUDE = 39.0351.13" (39.064203) LONGITUDE =  $109^{3}4^{1}8.98^{\circ}$  (109.571939) (AUTONOMOUS NAD 27) LATITUDE = 39.0351.23" (39.064231) LONGITUDE = 109'34'16.53'' (109.571258)

#### ELK PRODUCTION. LLC

Well location, FEDERAL #14-11, located as shown in the NW 1/4 SW 1/4 of Section 14, T20S, R21E, S.L.B.&M. Grand County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 24, T20S, R21E, S.L.B.&M, TAKEN FROM THE CALF CANYON, QUADRANGLE, UTAH, GRAND COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 5084 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATEWAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> EGISTERED MAND SURVEYOR REGISTRATION NO. 161319" STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL UTAH 84078

(435) 789-1017 DATE SURVEYED:

DATE DRAWN: 01 - 02 - 0601-07-06 REFERENCES P.M. G.L.O. PLAT

WEATHER COLD

SCALE

PARTY

1" = 1000'

D.K. L.K.

ELK PRODUCTION, LLC

#### **DRILLING PLAN**

Elk Production, LLC Federal #14-11 NWSW of Section 14, T-20-S, R-21-E Grand County, UT

# 1,2,3 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	<b>Depth</b>
Mancos Shale	Surface
Greenhorn	2095'
Graneros	2177'
Dakota	2204'*
Cedar Mountain	2272'*
Morrison-Brushy Basin	2354'*
Morrison Salt Wash	2550'*
Summerville	2834'
Proposed TD	2900'

PROSPECTIVE PAY\* oil and gas
\*\* POSSIBLE OIL OR WATER

## 4 Casing Program SETTING DEPTH

HOLE	SETTING	DEPTH					
SIZE	<u>from</u>	<u>to</u>	SIZE	WEIGHT	GRADE	THREAD	COND.
11"	surface	<del>2</del> 50'	8 5/8"	24#	J55	N-80	New
7 7/8"	surface	2900'	5 1/2"	15.5#	J55	N-80	New

#### 5 Cementing Program

8 5/8" Surface Casing approximately 100 sx Portland cement containing 2% gel and 3% salt.

Mixed at 14.8 ppg (yield – 1.37 ft<sup>3</sup>/sx). To be circulated to surface

(calculated @ 100% excess).

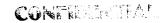
5 1/2" Prod. Csg.

approximately 229 sx 50/50 Class "G" Poz cement containing 2% gel, .3% Halad 322, .6% Halad 23, .3% Versaset, and .2% Super CBL. To be mixed at 14.2 ppg (yield – 1.33 ft<sup>3</sup>/sx). Estimated TOC 1500'.

#### 6 Mud Program

<b>INTERVAL</b>	<b>WEIGHT</b>	<b>VISCOSITY</b>	FLUID LOSS	<u>REMARKS</u>
Surf 250'	NA/Air dril	led		
250' - 3400'	NA/Air dril	led		

Sufficient KC1 brine water to contain "kick" will be available at wellsite.



Elk Production, LLC Drilling Program Fed #14-11 Grand County, Utah Page 2

#### 7 BOP and Pressure Containment Data

Depth Intervals

**BOP Equipment** 

Surf. – 250' 250' – TD No pressure control required 10" 3000# Ram Type double BOP

8" 2000# Rotating Head

Drilling spool to accommodate choke and kill lines. Anticipated bottom hole pressure to be less than 1000 PSI

ANCILLARY EQUIPMENT AND CHOKE MANIFOLD RATED AT 3000# ALL BOP AND BOPE TESTS WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ONSHORE ORDER NO. 2. PLAN TO TEST BOP TO 1500 PSI, TWICE THE POSSIBLE SHUT-IN PRESSURE AMOUNT.

THE BLM AND THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING WILL BE NOTIFIED 24 HOURS IN ADVANCE OF ALL BOP PRESSURE TESTS.

### 8 Auxiliary equipment

- a) Lower Kelly cock will be installed while drilling
- b) Floor stabbing valve 5000#
- c) Safety valve(s) and subs to fit all string connections in use

### 9 Testing, Logging and Core Programs

Cores

None anticipated

Testing

None anticipated

Sampling

30' samples; surface casing to TD

Surveys

Run every 1000' and on trips

Logging

Resistivity, neutron density, temperature, gamma ray, and caliper from TD to

surface casing

## 10 Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated

#### 11 **Drilling Schedule**

Spud As soon as permits can be obtained

Duration 4

4 - 5 days drilling time 4 days completion time Elk Production, LLC Drilling Program Fed #14-11 Grand County, Utah Page 3

### HAZARDOUS MATERIAL DECLARATION

#### Federal #14-11

Elk Production, LLC guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Elk Production, LLC guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.



#### SURFACE USE PLAN

Elk Production, LLC Federal #14-11 NWSW of Section 14, T-20-S, R-21-E Grand County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well was conducted on Thursday, December 15, 2005.

#### 1. Existing Roads:

- a. The proposed well site is located approximately 15.05 miles northwest of Cisco, Utah.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Cisco Dome Field. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located entirely on-lease.

#### 2. Planned Access Roads:

- a. No access is proposed for this well since it is along the existing Federal 14-6 access road.
- b. The existing access road will travel through the proposed pad to provide a maximum distance between the existing drainage and the proposed pad.

#### 3. Location of Existing Wells:

a. Topo C of Exhibit B has a map reflecting existing wells within a one mile radius of the proposed well.

#### 4. Location of Production Facilities:

 All permanent structures will be painted a flat, non-reflective Olive Black color to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. An existing gas pipeline reroute is associated with this application and is being applied for at this time. The proposed and existing gas pipeline corridors will be rerouted around the proposed pad to accommodate construction of the pad.

#### 5. Location and Type of Water Supply:

- a. Since this well will be air drilled the use of water for drilling is not anticipated.
- b. Water for drilling and completion operations, if necessary, will be trucked over approved access roads from Thompson, Utah. The water will be obtained through a direction purchase agreement with a private owner.

#### 6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

#### Methods of Handling Waste Disposal:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

- b. Drill cuttings will be contained and buried on site.
- A reserve pit is not anticipated at this time and will be constructed only if necessary.
- d. The reserve pit will be located inboard of the location and along the southwest side of the pad.
- e. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- f. The reserve pit will be constructed of native material and will not be lined. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- g. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to an approved landfill.
- j. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- k. After initial clean-up, a 400 bbl tank will be installed. The contents will be transported by truck from the tank to an approved disposal facility for disposal.
- Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed
  of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered toan approved wastewater treatment facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

#### 9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

- b. Access to the well pad will be from the southeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 150' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.

e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

#### 11. Surface and Mineral Ownership:

- Surface Ownership Federal under the management of the Bureau of Land Management -Moab Field Office, 82 East Dogwood, Moab, Utah 84532; 435-259-2127.
- Surface Ownership Federal under the management of the Bureau of Land Management -Moab Field Office, 82 East Dogwood, Moab, Utah 84532; 435-259-2127.

#### 12. Other Information:

- a. Senco-Phenix Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Senco-Phenix Archaeological Consultants.
- b. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No raptor habitat is known to exist within 1 mile of the proposed wellsite.
  - c. No drainage crossings that require additional State or Federal approval are being crossed.
  - d. The road may be temporarily rerouted around the pad during drilling and completion operations to provide uninterrupted access along the road. The additional disturbed area will be reclaimed as soon after completion as practical.

### 13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative Agent for Elk Production, LLC	Kevin Weller, P.E. Don Hamilton	1-303-339-1922 1-435-719-2018

#### Certification:

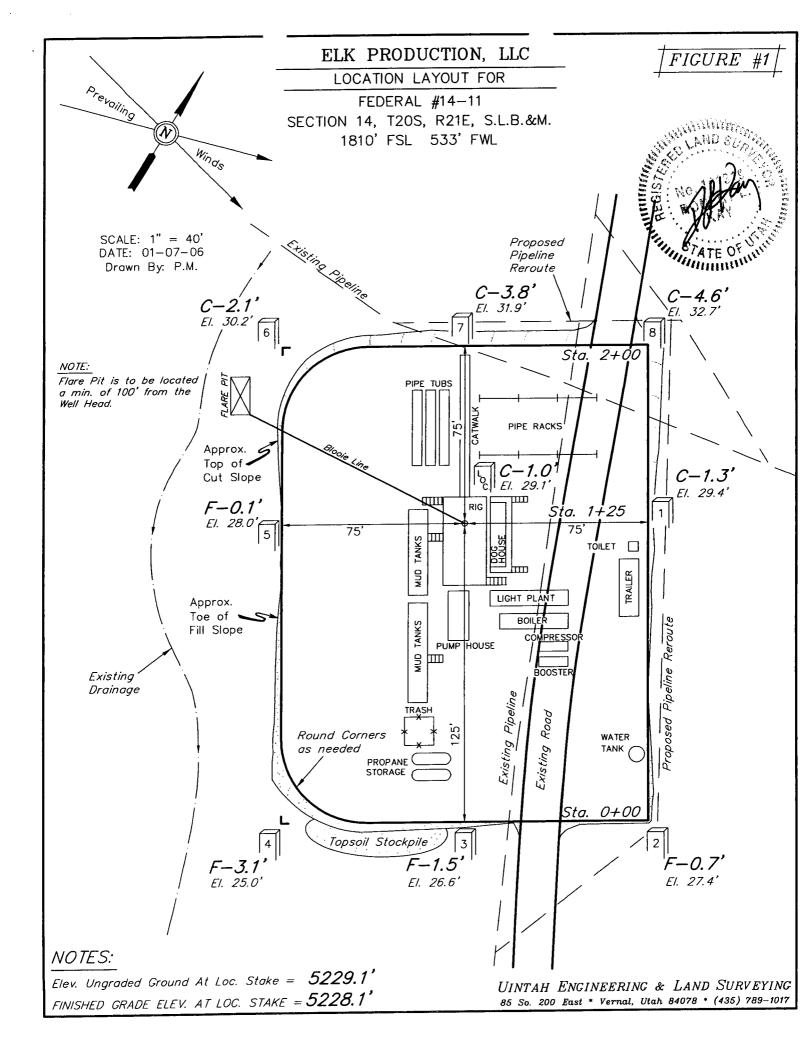
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Elk Production, LLC and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Elk Production's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

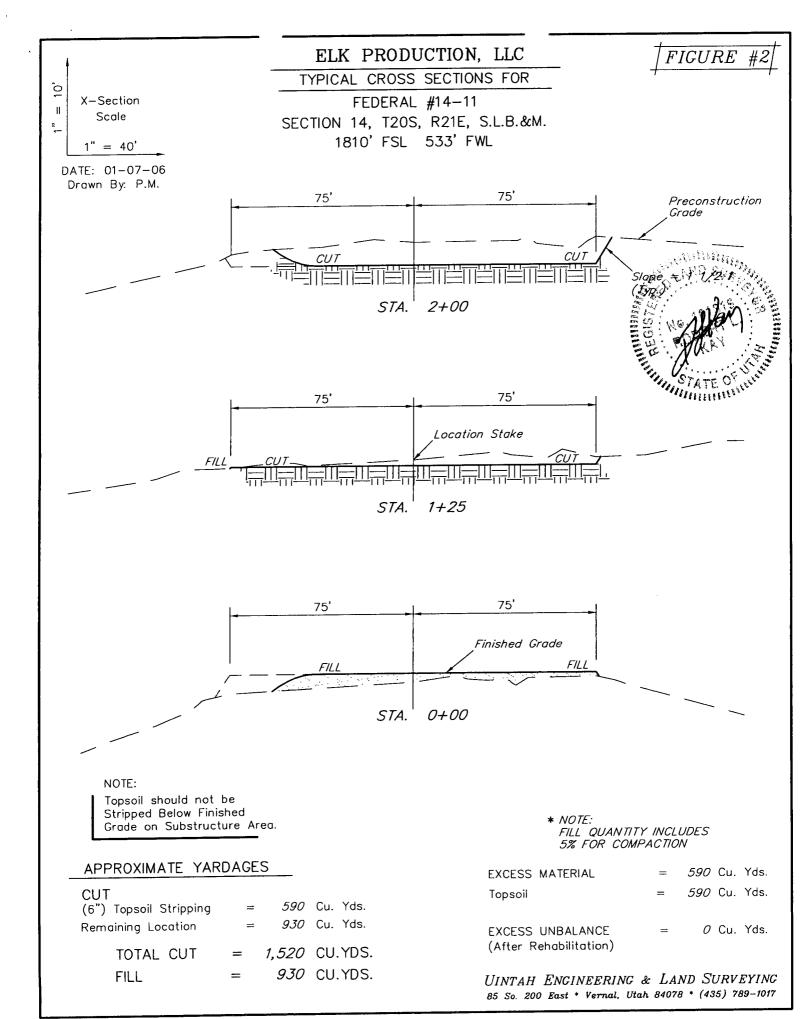
Signature:	Hamilton	Date:	5-8-06	
Digitature.	1 1			

## ELK PRODUCTION, LLC FEDERAL #14-11 SECTION 14, T20S, R21E, S.L.B.&M.

PROCEED IN AN EASTERLY DIRECTION FROM GREEN RIVER, UTAH ALONG INTERSTATE-70 APPROXIMATELY 43.2 MILES TO THE WHITE HOUSE EXIT; EXIT RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 13.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM GREEN RIVER, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.9 MILES.

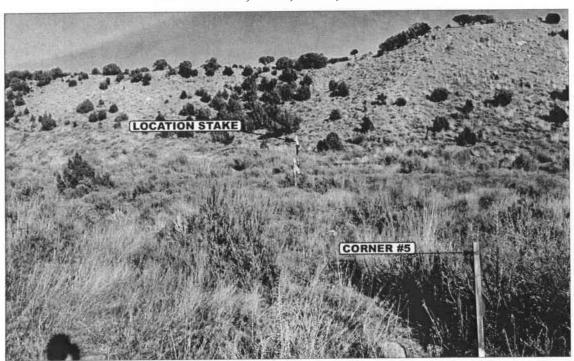




## ELK PRODUCTION, LLC

FEDERAL #14-11

LOCATED IN GRAND COUNTY, UTAH **SECTION 14, T20S, R21E, S.L.B.&M.** 



**CAMERA ANGLE: NORTHEASTERLY** 



PHOTO: VIEW OF EXISTING ACCESS

**CAMERA ANGLE: NORTHWESTERLY** 



Uintah Engineering & Land Surveying

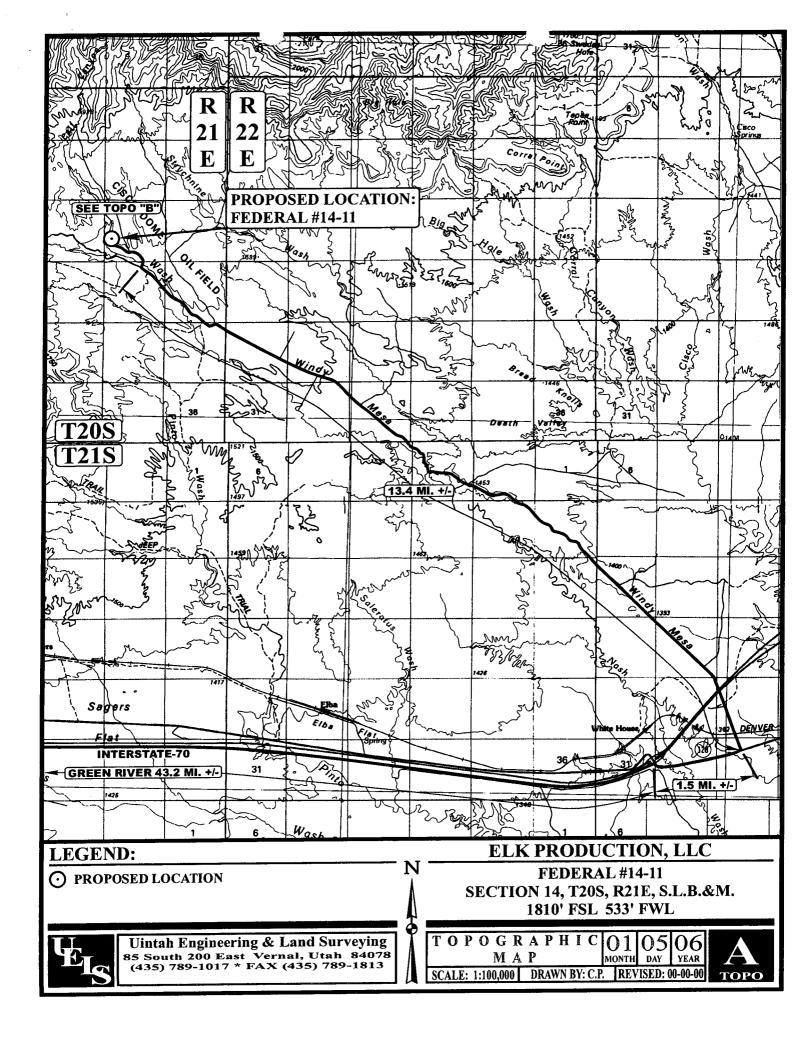
85 South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

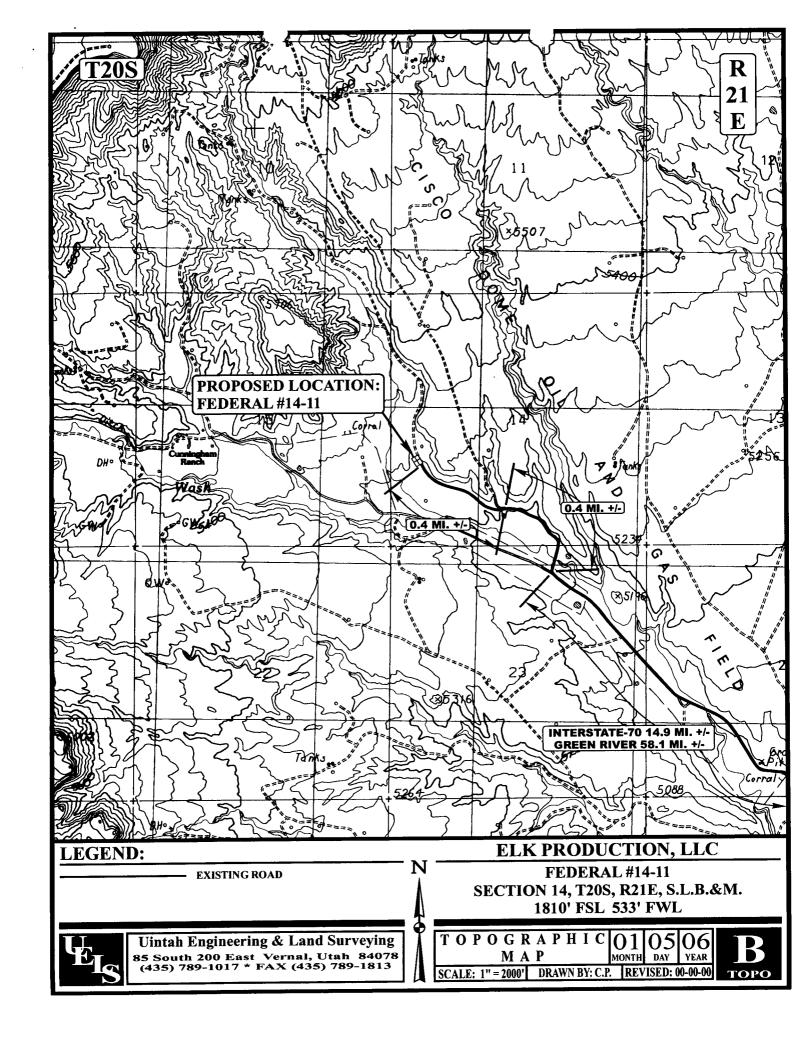
**LOCATION PHOTOS** 

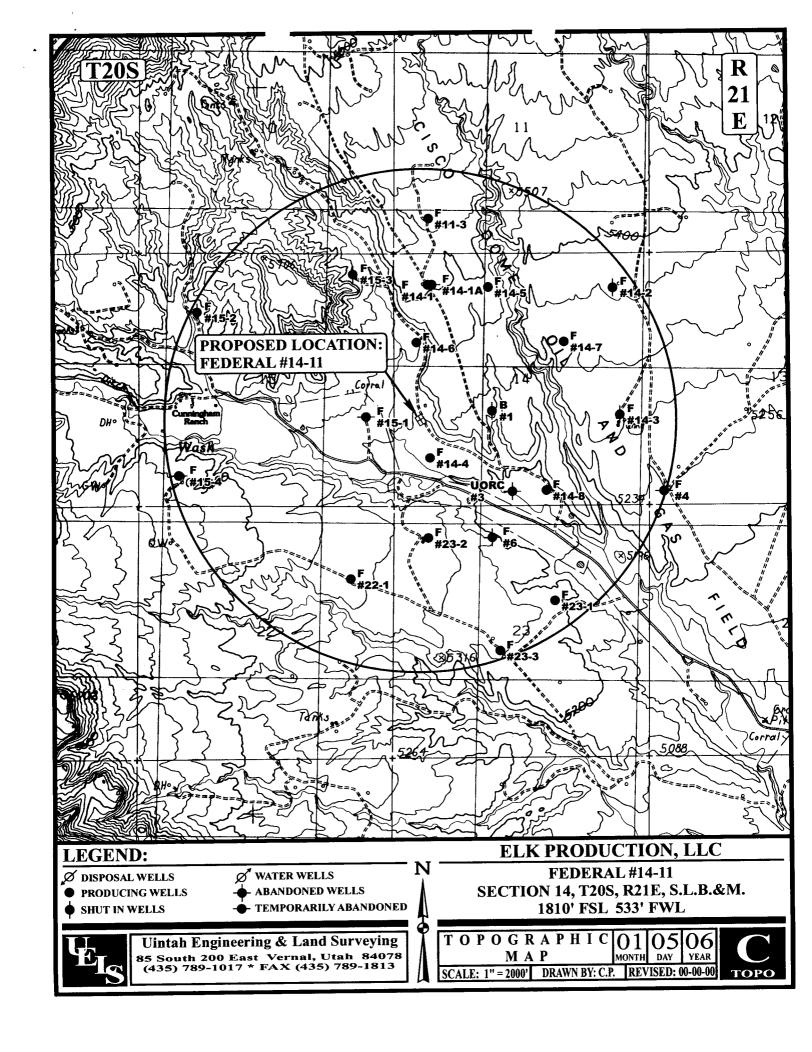
01 05 06 MONTH DAY YEAR

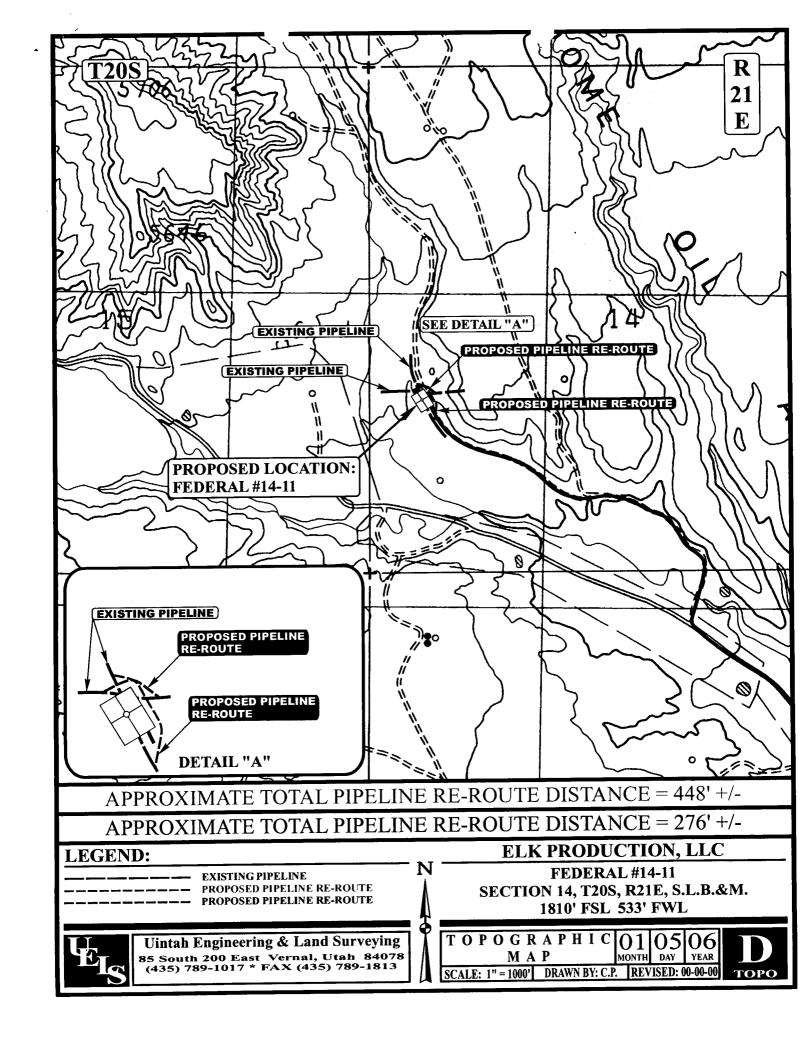
**РНОТО** 

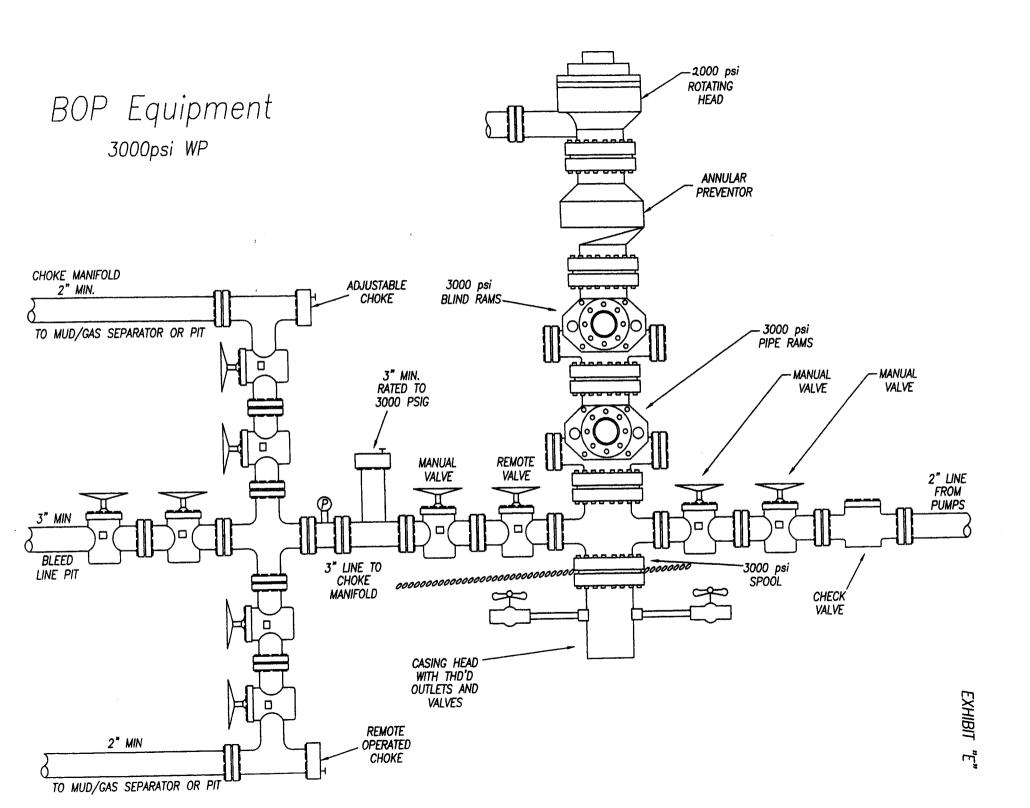
TAKEN BY: D.K. DRAWN BY: C.P. REVISED: 00-00-00





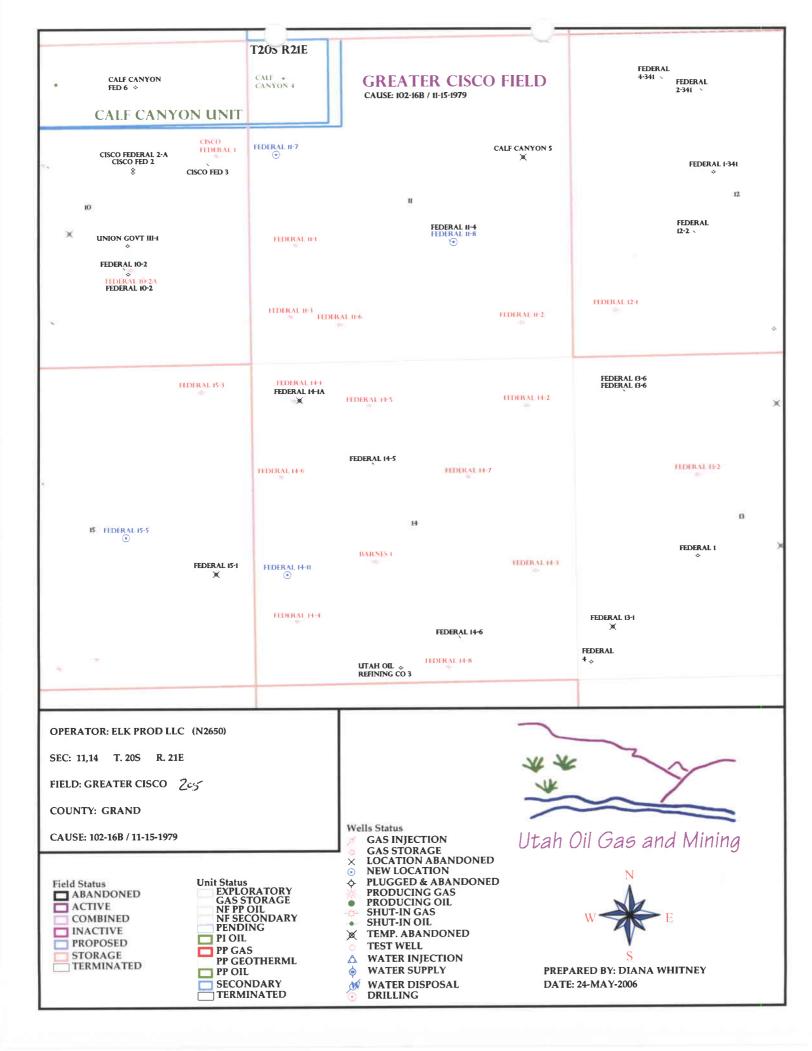






## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/12/2006	API NO. ASSIGNED: 43-019-31477
WELL NAME: FEDERAL 14-11  OPERATOR: ELK PRODUCTION LLC ( N2650 )  CONTACT: DON HAMILTON	PHONE NUMBER: 435-650-1886
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NWSW 14 200S 210E	Tech Review Initials Date
SURFACE: 1810 FSL 0533 FWL BOTTOM: 1810 FSL 0533 FWL	Engineering
COUNTY: GRAND	Geology
LATITUDE: 39.06427 LONGITUDE: -109.5714  UTM SURF EASTINGS: 623603 NORTHINGS: 432467	2 Surface
FIELD NAME: GREATER CISCO (205)  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-02139-A  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MRSN COALBED METHANE WELL? NO
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. B 000971 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. AIR DRILLE )  RDCC Review (Y/N)  (Date:)  All Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: R649-3-2. General     Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit     Board Cause No:
STIPULATIONS: Coprise	





#### State of Utah

## Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 25, 2006

Elk Production, LLC 1401 17th Street, Suite 700 Denver, CO 80202

Re:

Federal 14-11 Well, 1810' FSL, 533' FWL, NW SW, Sec. 14, T. 20 South,

R. 21 East, Grand County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31477.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Grand County Assessor** 

Bureau of Land Management, Moab District Office

Operator:	Elk Production, LLC		
Well Name & Number	Federal 14-11		
API Number:	43-019-31477		
Lease:	UTU-02139-A		
Location: NW SW	Sec. 14	<b>T.</b> 20 South	<b>R.</b> 21 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

## **STATE OF UTAH** DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

CONTINUE	F	OR
\$ 111	5. LEASE DESIGNATION AND SERIAL NUM	BER:

UTU-02139-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

FORM 9

Do not use this form for proposals to drill r	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to aterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL		8. WELL NAME and NUMBER: Federal 14-11
2. NAME OF OPERATOR:		9. API NUMBER: 4301931477
Elk Production, LLC  3. ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	Y Denver STATE CO ZIP 80202 (303) 296-4505	Greater Cisco
4. LOCATION OF WELL	Y STAIL ZI	
FOOTAGES AT SURFACE: 1810'	FSL, 533' FWL	COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NWSW 14 20S 21E S	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Extend APD
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	F OHER EXISTS A
Elk requests to extend AF drilling location. See attached a second action.	607 By: 1	ained Federal approval yet for this
NAME (PLEASE PRINT) Karipi Kuh		Technician
SIGNATURE XAVIN	Aufsn DATE 6/27/2007	
(This space for State use only)		

**RECEIVED** JUN 2 8 2007

### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

4301931477

Well Name: Federal 14-11  Location: NWSW Section 14-T20S-R21E, Grand County, I  Company Permit Issued to: Elk Production, LLC  Date Original Permit Issued: 5/25/2006	U <b>T</b>			
The undersigned as owner with legal rights to drill on tabove, hereby verifies that the information as submitte approved application to drill, remains valid and does not be application.	d in the previously			
Following is a checklist of some items related to the are verified.	pplication, which should be			
If located on private land, has the ownership changed, agreement been updated? Yes□No☑	if so, has the surface			
Have any wells been drilled in the vicinity of the proposithe spacing or siting requirements for this location? Ye				
Has there been any unit or other agreements put in pla permitting or operation of this proposed well? Yes□ No				
Have there been any changes to the access route inclored of-way, which could affect the proposed location? Yes	-			
Has the approved source of water for drilling changed?	? Yes□ No☑			
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑				
s bonding still in place, which covers this proposed well? Yes☑No□				
(Asin) Luch	6/27/2007			
Signature	Date			
Title: Sr. Engineering Technician				
Representing: Elk Production, LLC				

RECEIVED
JUN 2 8 2007

### STATE OF UTAH

ARTMENT OF NATURAL RESOURCES

IK NI	

DIVISION OF OIL, GAS AND MINING							5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02139A		
SUNDRY NOTICES AND REPORTS ON WELLS							6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.								OF CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL GAS WELL OTHER								NAME and NUMBER: eral 14-11	
2. NAME OF OPERATOR:								UMBER:	
	C Production, LLC	PHONE NUMBER:	<u> </u>	931477					
		, De	enver STATE CO ZIP	802	202	(303) 296-4505	_	D AND POOL, OR WILDCAT:	
4. LOCATION OF WELL									
F	DOTAGES AT SURFACE: 1810'	FSL	, 533' FWL				COUNTY	: Grand	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 14 20S 21E S STATE:									
11.	CHECK APPR	ROF	PRIATE BOXES TO INDICAT	ΈN	NATURE	OF NOTICE, REPO	RT, OR	OTHER DATA	
•	TYPE OF SUBMISSION				Т	YPE OF ACTION			
Z	NOTICE OF INTENT		ACIDIZE		DEEPEN			REPERFORATE CURRENT FORMATION	
_	(Submit in Duplicate)		ALTER CASING		FRACTURE	TREAT		SIDETRACK TO REPAIR WELL	
	Approximate date work will start:	$ \Box$	CASING REPAIR		NEW CONS	STRUCTION		TEMPORARILY ABANDON	
			CHANGE TO PREVIOUS PLANS		OPERATOR	RCHANGE		TUBING REPAIR	
			CHANGE TUBING		PLUG AND	ABANDON	□ '	VENT OR FLARE	
Ш	SUBSEQUENT REPORT (Submit Original Form Only)	$ \Box$	CHANGE WELL NAME		PLUG BACI	PLUG BACK		WATER DISPOSAL	
	Date of work completion:		CHANGE WELL STATUS		PRODUCTI	ON (START/RESUME)	□ '	WATER SHUT-OFF	
	•		COMMINGLE PRODUCING FORMATIONS		RECLAMAT	TON OF WELL SITE	Z	OTHER: EXTEND APD	
			CONVERT WELL TYPE		RECOMPLE	TE - DIFFERENT FORMATION			
12.	DESCRIBE PROPOSED OR CO	MPL	ETED OPERATIONS. Clearly show all po	ertine	ent details in	cluding dates, depths, volume	es, etc.		
Elk Production, LLC requests to extend the APD for the subject drilling location for another year (expiring 5/25/2009). There have been no changes to the original APD (approved by the State 5/25/2006). Attached is a Request for Permit Extension Validation checklist.									
			Approved b		ho				
			Approved b Utah Divisio	יץ ני כר	of				
			Oil, Gas and						
			On, das and	14111	ı ııı ıg				
COPY SENT TO OPERATOR  Date: 5-20-2008  By: 5-20-2008									
	Initials: K-5			1	N				
NAME (PLEASE PRINT) Karin Kuhin Title Sr. Engineering Technician									
SIGNATURE DATE 5/5/2008									
This sp	pace for State use only)								

RECEIVED

# Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4301931477  Well Name: Federal 14-11  Location: NWSW Section 14-T20S-R21E, Grand County, UT  Company Permit Issued to: Elk Production, LLC  Date Original Permit Issued: 5/25/2006					
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.					
Following is a checklist of some items related to the application, which should be verified.					
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No☑					
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No☑					
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□ No ☑					
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□ No ☑					
Has the approved source of water for drilling changed? Yes□ No☑					
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes⊡ No☑					
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐  5/5/2008  Date					
Title: Sr. Engineering Technician					
Representing: Elk Production, LLC					

MAY 0 9 2008

		FORM 9				
		SE DESIGNATION AND SERIAL NUMBER: 02139-A				
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deepo ugged wells, or to drill horizontal laterals		7.UNI	or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: FEDERAL 14-11			
2. NAME OF OPERATOR: ELK PRODUCTION, LLC			<b>NUMBER:</b> 9314770000			
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700,	HONE NUMBER: 1505 Ext		<b>.D and POOL or WILDCAT:</b> TER CISCO			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FSL 0533 FWL			<b>COUNT</b> GRAN			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 14	IP, RANGE, MERIDIAN: 4 Township: 20.0S Range: 21.0E Meridia	an: S		STATE UTAH		
11.	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPORT	, OR OT	HER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
,	ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start: 9/1/2009	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
9/1/2009	CHANGE WELL STATUS	☐ c	COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT		NEW CONSTRUCTION	
	OPERATOR CHANGE	☐ P	PLUG AND ABANDON		PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	□ R	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR	□ v	ENT OR FLARE		WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	✓	APD EXTENSION	
·	WILDCAT WELL DETERMINATION	☐ c	OTHER	ОТН	IER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Please extend the APD for the subject drilling location for another year. There have been no changes to the original APD. Attached is a Request for Permit Extension Validation checklist.  Approved by the Utah Division of Oil, Gas and Mining  Date: May 11, 2009  By:						
NAME (PLEASE PRINT) Karin Kuhn	<b>PHONE NUMBI</b> 303 296-4505	ER	TITLE Sr. Engineering Technician			
SIGNATURE N/A			<b>DATE</b> 5/7/2009			



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43019314770000

**API:** 43019314770000 Well Name: FEDERAL 14-11

Location: 1810 FSL 0533 FWL QTR NWSW SEC 14 TWNP 200S RNG 210E MER S

Company Permit Issued to: ELK PRODUCTION, LLC

**Date Original Permit Issued:** 5/25/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not requ

ire revi	sion. Following is a checklist of some items related to the application, which should be verified.
	ited on private land, has the ownership changed, if so, has the surface agreement been ed? 问 Yes 📵 No
	any wells been drilled in the vicinity of the proposed well which would affect the spacing or requirements for this location?  Yes No
	ere been any unit or other agreements put in place that could affect the permitting or operation proposed well? $\bigcirc$ Yes $\bigcirc$ No
	there been any changes to the access route including ownership, or rightof- way, which could the proposed location? ( Yes ( No
• Has th	e approved source of water for drilling changed? 🗍 Yes 📵 No
	there been any physical changes to the surface location or access route which will require a e in plans from what was discussed at the onsite evaluation?
• Is bor	Approved by the ding still in place, which covers this proposed well?   Yes No Utah Division of Oil, Gas and Mining
nature:	Karin Kuhn <b>Date:</b> 5/7/2009
Title:	Sr. Engineering Technician <b>Representing:</b> ELK PRODUCTION, LLC <b>Date:</b> May 11, 2009

Sigr

By: Dollar



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

August 5, 2010

Elk Production LLC 1401-17<sup>th</sup> St., Ste. 700 Denver, CO 80202

Re:

APD Rescinded - Federal 14-11, Sec.14, T.20S, R.21E

Grand County, Utah API No. 43-019-31477

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 25, 2006. On June 28, 2007, May 14, 2008 and May 11, 2009, the Division granted a oneyear APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 5, 2010.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc:

Well File

Bureau of Land Management, Moab

